

Title (en)

GEOMETRIC TRANSFORMS FOR FILTERS FOR VIDEO CODING

Title (de)

GEOMETRISCHE TRANSFORMATIONEN FÜR FILTER ZUR VIDEOKODIERUNG

Title (fr)

TRANSFORMATIONS GÉOMÉTRIQUES POUR DES FILTRES POUR UN CODAGE VIDÉO

Publication

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Application

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Abstract (en)

[origin: US2017237981A1] An example device for filtering a decoded block of video data includes one or more processing units configured to construct a plurality of filters for classes of blocks of a current picture of video data. To construct the plurality of filters for each of the classes, the processing units are configured to determine a value of a flag that indicates whether a fixed filter is used to predict a set of filter coefficients of the class, and in response to the fixed filter being used to predict the set of filter coefficients, determine an index value into a set of fixed filters and predict the set of filter coefficients of the class using a fixed filter of the set of fixed filters identified by the index value.

IPC 8 full level

**H04N 19/117** (2014.01); **H04N 19/136** (2014.01); **H04N 19/14** (2014.01); **H04N 19/176** (2014.01); **H04N 19/463** (2014.01); **H04N 19/70** (2014.01); **H04N 19/82** (2014.01)

CPC (source: CN EP KR US)

**H04N 19/117** (2014.11 - CN EP KR US); **H04N 19/136** (2014.11 - CN EP KR US); **H04N 19/14** (2014.11 - CN EP KR US); **H04N 19/176** (2014.11 - CN EP KR US); **H04N 19/463** (2014.11 - CN EP KR US); **H04N 19/70** (2014.11 - CN EP KR US); **H04N 19/80** (2014.11 - CN KR US); **H04N 19/82** (2014.11 - CN EP KR US); **G06T 5/70** (2024.01 - US); **H04N 19/587** (2014.11 - US)

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